

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Express Mail No.: EL627509102US

In re Application of: SEPPALA et al.

FILING DATE: Herewith

ART UNIT:

TITLE: SELECTION OF SERVING NETWORK ELEMENT IN

TELECOMMUNICATIONS NETWORK

ATTORNEY DOCKET NO.: 324-010518-US(PAR)

The Commissioner of Patents and Trademarks

Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Please amend the above-identified, enclosed patent application as follows:

IN THE CLAIMS

After the heading "Claims" please insert the following:

What is claimed is:

Please amend Claims 3, 9 and 17 as rewritten below:

3. A method according to claim 1, wherein
attributes of different foreign agents are compared in the mobile node on the
basis of said information received from the foreign agents,
the foreign agent that on the basis of its attributes can best take care of data
transmission of the mobile node is selected, and
a registration request is transmitted to the selected foreign agent.

9. A method according to claim 7, wherein the mobile node is wireless and the telecommunications system is wireless and comprises access points which offer a wireless connection to at least one mobile node, said information comprising at least one of the following:

- loads of different access points
- information on the least loaded access point
- information on the recommended access point
- other quality of service parameters of the access points.

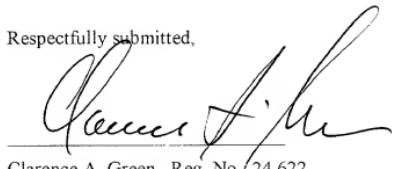
17. A mobile node according to claim 15, wherein
said information comprises attributes of the access points of the
telecommunications system,

- the processing means are configured to compare the attributes of the access points on the basis of said information received from the mobility agents,
- the processing means are configured to select the access point that on the basis of its attributes and any other criteria, such as radio channel measurement, can best offer a telecommunication connection to the mobile node, and
- the processing means are configured to establish a connection between the selected access point and the mobile node.

REMARKS

In accordance with 37 C.F.R. §1.121 (as amended on 11/7/2000) the rewritten claim(s) above are shown on separate page(s) marked up to show all the changes relative to the previous version of that section.

Respectfully submitted,


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28Sep01

Date

Application entitled: SELECTION OF SERVING NETWORK ELEMENT IN
TELECOMMUNICATIONS NETWORK

MARKED UP CLAIM(S)

3. A method according to claim 1-~~or~~2, wherein
attributes of different foreign agents are compared in the mobile node on the
basis of said information received from the foreign agents,
the foreign agent that on the basis of its attributes can best take care of data
transmission of the mobile node is selected, and
a registration request is transmitted to the selected foreign agent.

9. A method according to claim 7-~~or~~8, wherein the mobile node is wireless
and the telecommunications system is wireless and comprises access points which
offer a wireless connection to at least one mobile node, said information comprising at
least one of the following:

- loads of different access points
- information on the least loaded access point
- information on the recommended access point
- other quality of service parameters of the access points.

17. A mobile node according to claim 15-~~or~~16, wherein
said information comprises attributes of the access points of the
telecommunications system,
the processing means are configured to compare the attributes of the access
points on the basis of said information received from the mobility agents,
the processing means are configured to select the access point that on the basis
of its attributes and any other criteria, such as radio channel measurement, can best
offer a telecommunication connection to the mobile node, and
the processing means are configured to establish a connection between the
selected access point and the mobile node.